

**OverView:**

The Unmanaged Industrial Ethernet Switch is designed for small business industrial network applications. It provides an easy way to make the access point to Fast or Gigabit Ethernet. With a robust design, this switch is ideal for industrial or outdoor surveillance, withstanding the harshest conditions. The Industrial switch is Plug-and-Play, allowing for easy and quick deployment. It can optionally be mounted on a DIN-Rail or Wall Mount, making it suitable for various installation methods. An LED monitor displays information from Ethernet-connected devices such as IP cameras, wireless access points, or PC/laptops.

Product Features:

- All-aluminum Case, Compact and Fanless Design
- Full/Half-duplex self-adaptation
- MDI/MDIX automatic recognition
- Optionally support IEEE 802.3af/at/bt PoE Standard, without damaging not-PoE devices.
- Operating Temperature from -40 to 75°C
- Dual Redundant DC9~56V power input
- Support power input polarity protection; no worries about the reverse connection
- Aluminium shell, fanless design
- Free fall, shock-proof and vibration-proof for industries
- Plug and play; no software configuration is needed
- Either DIN rail or Wall Mount installation

Ethernet Interface:

Ports:

- 4×10/100Base-TX Port(RJ45)
- 1x100Base-X(SFP/1×9)

Port Mode(Tx):

- Auto-Negotiation Speed
- Full/Half Duplex Mode
- Auto MDI/MDI-X Connection

Standards:

- IEEE 802.3 for Ethernet
- IEEE 802.3u for Fast Ethernet
- IEEE 802.3x for flow control and back pressure
- IEEE802.3az for Energy Efficient Ethernet(EEE)

Packet Buffer Size:

- 512K

Maximum Packet Length:

- 9K

MAC Address Table:

- 4K

Transmission Mode:

- Store and Forward (full/half duplex mode)

Exchange Property Delay time:

- < 7μs
- Backplane bandwidth: 1.25G

PoE &Power Supply:

PoE Ports:

- Port 1 to 4 IEEE802.3af/at @PoE+

Default:

- 1/2(+), 3/6(-) or 4/5(+), 7/8(-)

Max Power Per Port:

- 30W

Total PWR /Input Voltage:

- 120W(DC48-56V) (Model dependent)

Power Consumption:

- 3 Watts Max(without PoE load)

Power Inputs:

- 2

Input Voltage:

- 9-56VDC, Redundant dual inputs

Operating Voltage:

- 30W PoE Mode: 48-56VDC

Connector:

- 1 removable 6-contact terminal blocks Pin 1/2 for Power 1, Pin 3/4 for Power 2, Pin 5/6 for fault alarm

Protection:

- Overload Current Protection, Reverse Polarity Protection

Physical Characteristics:

Housing:

- Aluminium case

IP Rating:

- IP40

ESD Protection:

- 6kV

EFT Protection:

- 6kV

Dimensions:

- 120mm x 90mm x 35mm (L x W x H)

Installation:

- Mode DIN Rail/Wall Mount

Weight:

- 400g (without PoE)

Working Environment:

- -40°C~75°C (-40 to 167 °F)

Operating Humidity:

- 5%~95% (non-condensing)

Storage Temperature:

- -40°C~85°C (-40 to 185 °F)

Heat Dissipation:

- 10 BTU/h (Non-PoE)
- 420 BTU/h (30W PoE)
- 1260 BTU/h (90W PoE)

Cooling Passive:

- Cooling

Noise Level:

- 0 dBA